

10/731,594

Connecting via Winsock to STN

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LOGINID:ssspta1611txm

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

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NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 JUL 20 Powerful new interactive analysis and visualization software,
STN AnaVist, now available
NEWS 4 AUG 11 STN AnaVist workshops to be held in North America
NEWS 5 AUG 30 CA/CAPLUS - Increased access to 19th century research documents
NEWS 6 AUG 30 CASREACT - Enhanced with displayable reaction conditions
NEWS 7 SEP 09 ACD predicted properties enhanced in REGISTRY/ZREGISTRY
NEWS 8 OCT 03 MATHDI removed from STN
NEWS 9 OCT 04 CA/CAPLUS-Canadian Intellectual Property Office (CIPO) added
to core patent offices

NEWS EXPRESS JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
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of commercial gateways or other similar uses is prohibited and may
result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:11:38 ON 05 OCT 2005

=> file reg

FILE 'REGISTRY' ENTERED AT 11:11:49 ON 05 OCT 2005

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

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STRUCTURE FILE UPDATES: 4 OCT 2005 HIGHEST RN 864494-87-1
DICTIONARY FILE UPDATES: 4 OCT 2005 HIGHEST RN 864494-87-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

```
*****
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005. A new display format, IDERL, is now    *
* available and contains the CA role and document type information. *
*
*****
```

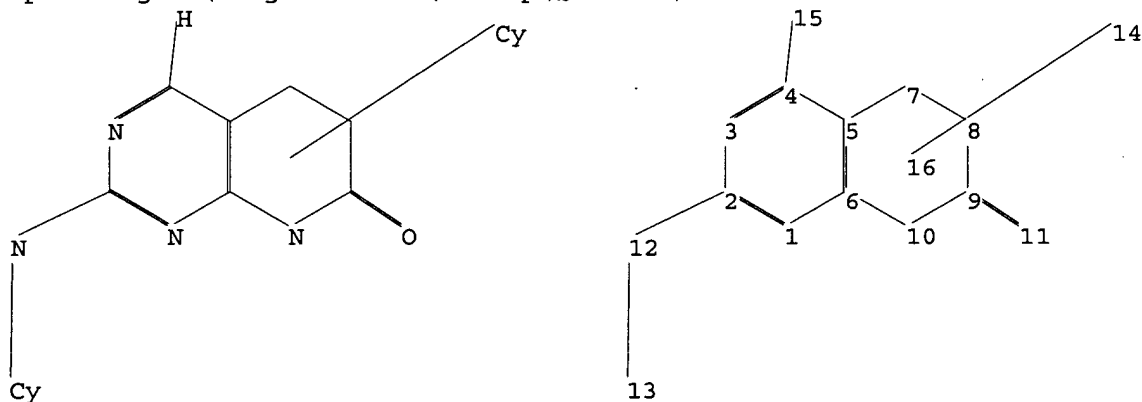
Structure search iteration limits have been increased. See HELP SLIMITS
for details.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10731594.str



```
chain nodes :
11 12 13 14 15
ring nodes :
1 2 3 4 5 6 7 8 9 10
chain bonds :
2-12 4-15 9-11 12-13
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10
exact/norm bonds :
2-12 5-7 6-10 7-8 8-9 9-10 9-11 12-13
exact bonds :
4-15
normalized bonds :
```

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1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems :
containing 1 :

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:CLASS 12:CLASS 13:Atom 14:Atom 15:CLASS 16:CLASS

Generic attributes :

13:

Saturation : Unsaturated

14:

Saturation : Unsaturated

L1 STRUCTURE UPLOADED

=> s l1

SAMPLE SEARCH INITIATED 11:12:04 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 3585 TO ITERATE

55.8% PROCESSED 2000 ITERATIONS

1 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 68110 TO 75290

PROJECTED ANSWERS: 1 TO 115

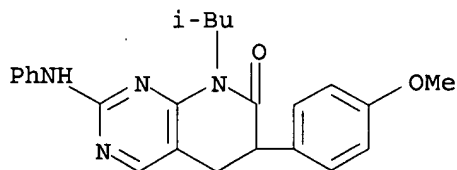
L2 1 SEA SSS SAM L1

=> d scan

L2 1 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

IN Pyrido[2,3-d]pyrimidin-7(6H)-one, 5,8-dihydro-6-(4-methoxyphenyl)-8-(2-methylpropyl)-2-(phenylamino)- (9CI)

MF C24 H26 N4 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> s l1 full; file caplus; s l3; s wo200400568227/pn

FULL SEARCH INITIATED 11:12:44 FILE 'REGISTRY'

10/731,594

FULL SCREEN SEARCH COMPLETED - 72386 TO ITERATE

100.0% PROCESSED 72386 ITERATIONS
SEARCH TIME: 00.00.06

17 ANSWERS

L3 17 SEA SSS FUL L1

FILE 'CAPLUS' ENTERED AT 11:12:50 ON 05 OCT 2005
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FILE COVERS 1907 - 5 Oct 2005 VOL 143 ISS 15
FILE LAST UPDATED: 4 Oct 2005 (20051004/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

L4 4 L3

L5 1 WO20040056822?/PN
(WO2004056822/PN)

=> s l4 not l4; d cbib pi fhitr 1-3
L6 0 L4 NOT L4

L6 HAS NO ANSWERS

'CBIB PI FHITSTR' IS NOT A VALID STRUCTURE FORMAT KEYWORD

Structure Formats

SIA ----- Structure Image, Attributes, and map table if it contains data. (Default)

SIM ----- Structure Image.

SAT ----- Structure ATtributes and map table if it contains data.

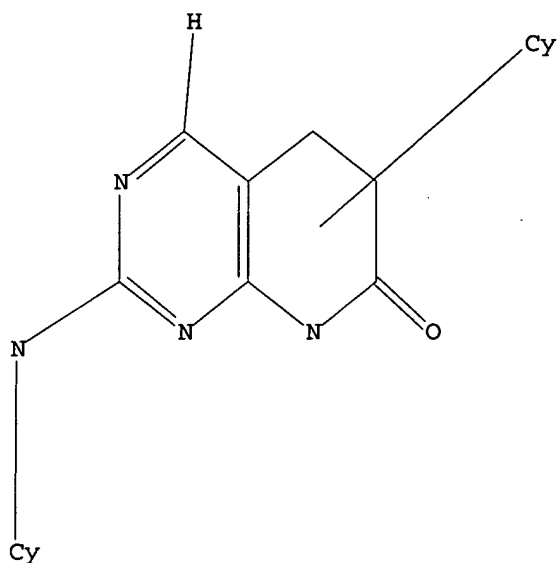
SCT ----- Structure Connection Table and map table if it contains data.

SDA ----- All Structure DATA (image, attributes, connection table and map table if it contains data).

NOS ----- NO Structure data.

ENTER STRUCTURE FORMAT (SIA), SCT, SDA, SIM, SAT, NOS:.

L1 STR



Structure attributes must be viewed using STN Express query preparation.

L3 17 SEA FILE=REGISTRY SSS FUL L1

L4 4 SEA FILE=CAPLUS L3

L6 0 SEA FILE=CAPLUS L4 NOT L4

=> s l4 not l5; d cbib pi fhitr 1-3

L7 3 L4 NOT L5

L7 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

2005:962258 Document No. 143:266947 Preparation of pyrrolopyrimidines and their analogs as protein kinase inhibitors. Choi, Ha-Soon; Wang, Zhicheng; Gray, Nathanael Schiander; Gu, Xiang-Ju; He, Xiaohui; He, Yun; Jiang, Tao; Liu, Yi; Richmond, Wendy; Sim, Taebo; Yang, Kunyong (IRM LLC, Bermuda). PCT Int. Appl. WO 2005080393 A1 20050901, 63 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IS, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2005-US4630 20050214. PRIORITY: US 2004-2004/PV544944 20040214.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2005080393	A1	20050901	WO 2005-US4630	20050214
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,				

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AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,
RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
MR, NE, SN, TD, TG

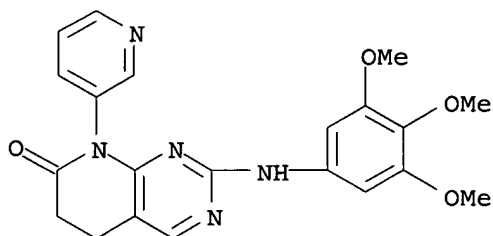
IT 863597-82-4P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)

(prepn of pyrrolopyrimidines and their analogs as protein kinase
inhibitors)

RN 863597-82-4 CAPLUS

CN Pyrido[2,3-d]pyrimidin-7(6H)-one, 5,8-dihydro-8-(3-pyridinyl)-2-[(3,4,5-
trimethoxyphenyl)amino]- (9CI) (CA INDEX NAME)



L7 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

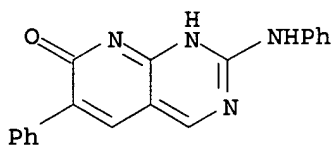
2004:595113 Document No. 141:273257 CORES: An Automated Method for
Generating Three-Dimensional Models of Protein/Ligand Complexes. Hare,
Brian J.; Walters, W. Patrick; Caron, Paul R.; Bemis, Guy W. (Vertex
Pharmaceuticals, Cambridge, MA, 02139, USA). Journal of Medicinal
Chemistry, 47(19), 4731-4740 (English) 2004. CODEN: JMCMAR. ISSN:
0022-2623. Publisher: American Chemical Society.

IT 760211-82-3

RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
(Biological study)
(inhibitor framework; application of CORES as an automated method for
generating three-dimensional models of protein/ligand complexes)

RN 760211-82-3 CAPLUS

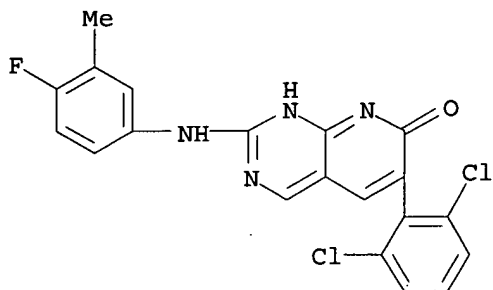
CN Pyrido[2,3-d]pyrimidin-7(1H)-one, 6-phenyl-2-(phenylamino)- (9CI) (CA
INDEX NAME)



L7 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

2004:182368 Document No. 140:229401 Three hybrid assay system for isolating
ligand-binding polypeptides and for isolating small mol. ligands. Come,
Jon H.; Becker, Frank; Kley, Nikolai A.; Reichel, Christoph (USA). U.S.
Pat. Appl. Publ. US 2004043388 A1 20040304, 238 pp., Cont.-in-part of U.S.
Ser. No. 91,177. (English). CODEN: USXXCO. APPLICATION: US 2002-234985
20020903. PRIORITY: US 2001-2001/PV27293U 20010302; US 2001-2001/PV27823U
20010323; US 2001-2001/PV32943U 20011015; US 2002-2002/91177 20020304.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004043388	A1	20040304	US 2002-234985	20020903
	US 2003165873	A1	20030904	US 2002-91177	20020304
	US 2004266854	A1	20041230	US 2004-820453	20040407
IT	666838-41-1D, conjugates				
	RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)				
	(three hybrid assay system for isolating ligand-binding polypeptides and for isolating small mol. ligands)				
RN	666838-41-1 CAPLUS				
CN	Pyrido[2,3-d]pyrimidin-7(1H)-one, 6-(2,6-dichlorophenyl)-2-[(4-fluoro-3-methylphenyl)amino]- (9CI) (CA INDEX NAME)				



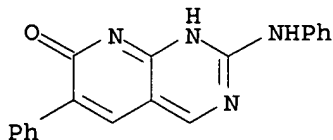
=>

=> d 2-3 cbib pi hitstr

L7 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
 2004:595113 Document No. 141:273257 CORES: An Automated Method for Generating Three-Dimensional Models of Protein/Ligand Complexes. Hare, Brian J.; Walters, W. Patrick; Caron, Paul R.; Bemis, Guy W. (Vertex Pharmaceuticals, Cambridge, MA, 02139, USA). Journal of Medicinal Chemistry, 47(19), 4731-4740 (English) 2004. CODEN: JMCMAR. ISSN: 0022-2623. Publisher: American Chemical Society.

IT 760211-82-3
 RL: BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study)
 (inhibitor framework; application of CORES as an automated method for generating three-dimensional models of protein/ligand complexes)

RN 760211-82-3 CAPLUS
 CN Pyrido[2,3-d]pyrimidin-7(1H)-one, 6-phenyl-2-(phenylamino)- (9CI) (CA INDEX NAME)

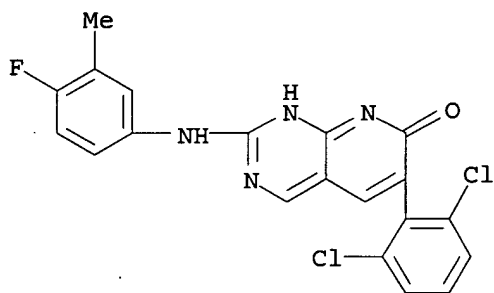


L7 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
 2004:182368 Document No. 140:229401 Three hybrid assay system for isolating ligand-binding polypeptides and for isolating small mol. ligands. Come,

10/731,594

Jon H.; Becker, Frank; Kley, Nikolai A.; Reichel, Christoph (USA). U.S. Pat. Appl. Publ. US 2004043388 A1 20040304, 238 pp., Cont.-in-part of U.S. Ser. No. 91,177. (English). CODEN: USXXCO. APPLICATION: US 2002-234985 20020903. PRIORITY: US 2001-2001/PV27293U 20010302; US 2001-2001/PV27823U 20010323; US 2001-2001/PV32943U 20011015; US 2002-2002/91177 20020304.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004043388	A1	20040304	US 2002-234985	20020903
	US 2003165873	A1	20030904	US 2002-91177	20020304
	US 2004266854	A1	20041230	US 2004-820453	20040407
IT	666838-41-1D, conjugates				
	RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)				
	(three hybrid assay system for isolating ligand-binding polypeptides and for isolating small mol. ligands)				
RN	666838-41-1 CAPLUS				
CN	Pyrido[2,3-d]pyrimidin-7(1H)-one, 6-(2,6-dichlorophenyl)-2-[(4-fluoro-3-methylphenyl)amino]- (9CI) (CA INDEX NAME)				



=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:.

STN INTERNATIONAL LOGOFF AT 11:16:19 ON 05 OCT 2005

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	680	((514/264.11) or (544/279)).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/10/05 10:58
L2	74	1 and ("[2,3-d]" "(2,3-d)" "2,3-d")	US-PGPUB; USPAT	OR	ON	2005/10/05 10:58